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# WATER-BASED EPOXY COAT RAPID

Industrial strength floors in a day

## DESCRIPTION AND USES

Water-based Epoxy Coat Rapid is a fast recoat, two-component water based epoxy which allows two coats to be applied in less than one day. It is suitable for use on interior concrete and wood floors. It is resistant to oil, solvents and harsh cleaning chemicals and can stand up to heavy traffic. Suitable for use in factories, warehouses, workshops, showrooms: anywhere durability and easy maintenance are important.

## PACKAGING

One gallon kit (128 fl oz)

## APPEARANCE

Gloss finish

## PRODUCTS

B180512 - Silver Gray Kit  
 B180411 - Mid Gray Kit  
 B180913 - Blue Kit  
 B180815 - Tile Red  
 B181114 - Green

## COMPANION PRODUCTS

J510001 - 18" Roller Frame and Handle  
 J510002 - 18" Replacement Roller  
 J510004 - 4" Brush

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## SURFACE PREPARATION

The concrete surface must be clean, dry and free of loose material. New concrete should be allowed to cure for 28 days prior to coating. Remove oil, dirt, grease and other chemical contaminants by cleaning with detergent or other suitable cleaner. Rinse thoroughly. Use Cemtetch<sup>®</sup> to remove unsound laitance and create a proper surface profile to the concrete. Rinse thoroughly and allow to dry. Note: Concrete floors on grade must be free of moisture transmission from the ground. If there is any doubt about the dryness of the concrete, conduct a test by simply taping a piece of 4 mil plastic sheet 18" by 18" on the bare concrete for 24 hours. Be sure to tape all four sides. After 24 hours, check the concrete for signs of moisture. The concrete will be darker if damp. If moisture is found, allow additional drying time (10-14 days) and repeat test. Persistent moisture transmission will prevent proper performance of the coating, please contact a Watco Industrial Flooring Expert at (855) 627-6350 for assistance. Also, check for curing compound or other types of sealers by pouring a small amount of water onto the concrete. If water soaks in, the surface is suitable for coating. If water beads up on the concrete, the surface is not porous and a test application is warranted to ensure proper adhesion will develop. Sanding or mechanical abrading may be required if proper adhesion does not develop. Previously coated floors need to be in good sound condition with proper adhesion to the concrete substrate. Check the adhesion of the previous coating by cutting a small X in the coating using a sharp razor knife, firmly apply a piece of 2" duct tape over the center of the X cut, then pull off with a fast snap. The coating is suitable to topcoat if no significant previous coating is removed beyond the X cut. If the coating fails this test, then additional surface preparation is required. It is recommended previously coated floors be sanded and vacuumed prior to application of the Water-based Epoxy Coat Rapid.

## CLEAN UP

Remove as much product as possible before washing with warm soapy water.

## MIXING

Combine the base and activator components. Use a paint paddle or spatula to scrape out and transfer as much of the material as possible. Mix the components thoroughly until an even, uniform color is achieved. If using a power mixer use a paint paddle or spatula to blend in any unmixed material from the sides and bottom of the pail. Do not mix more than one unit at a time. Immediately pour the material into a roller pan and do not delay application. The pot life is 2 hours, less at higher ambient temperatures, and unused material will get hot and may pose a hazard.

## APPLICATION

Apply in a well ventilated area when the air and surface temperatures are between 60-70°F (16-32°C). Use a good quality lint free 3/8" nap roller with a phenolic core. A brush may be used for cutting in along walls. Do not exceed the maximum published coverage rate per coat. Some colors may darken slightly as it cures and it should not be over rolled. Two coats on most surfaces will produce a tough, mid gloss finish. Surfaces of higher than normal porosity may require further coats.

## CURING TIME

Water-based Epoxy Coat Rapid can be recoated in 1-3 hours. The product will cure in approximately 6 hours to accept light traffic. Suitable for forklift traffic in 24 hours. Full chemical resistant in 7 days (at a minimum constant temperature of 60°F). Allow 7 days cure time before washing.

## COVERAGE

Coverage will vary with the porosity and the degree of surface profile of the concrete. For the purpose of estimating coverage, assume 250 sq. ft per kit.

## PHYSICAL PROPERTIES

<b>VOLATILE ORGANIC COMPOUNDS</b>	<50 g/l
<b>PRACTICAL COVERAGE</b>	Approximately 150 sq. ft. on normal surfaces and 120 sq. ft. on more porous surfaces per kit
<b>CURING TIME</b>	2-4 hours at 60-70° F
<b>POT LIFE</b>	30 minutes, less at higher ambient temperatures
<b>STORAGE</b>	Store product in an appropriate area out of the weather
<b>SHELF LIFE</b>	2 years
<b>FLASHPOINT</b>	>200°F (94°C)

**WARNING:** FOR INDUSTRIAL AND COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. REFER TO SAFETY DATA SHEET (SDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION.

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